



Project No: TOL001052030201
Project: Bioremediation Pilot Study
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing(ft): 2100102.1

Borehole ID: HGL67(24PMW8-2)
Date: 10/09/2003
Geologist: D. Fortier
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 459.7
Easting(ft): 5801057.9

| SUBSURFACE PROFILE | | | | | SAMPLE | | | Water Level | Remarks |
|--------------------|--------|--|------|-----------|------------|--------------|-----------|-------------|--|
| Depth | Symbol | Description | USCS | Elevation | Recovery % | Blow Counts | PID (ppm) | | |
| 2 | | Gravel | FL | | | | | | Pilot study monitoring well installed in boring. |
| 4 | | | | 456 | | | | | |
| 6 | | Poorly graded sand Dark brown, slightly moist, loose, some clay lenses | SP | | | | | | Drilled to 23.5'. Sampled to 25'. |
| 8 | | at 8' to 9' cemented sand | | | | | | | |
| 10 | | | | | | | | | |
| 12 | | | | | | | | | |
| 14 | | at 15' color change to dark yellowish brown, very moist | | | | | | | |
| 16 | | | | | | | | | |
| 18 | | at 17' some thin interbedded lenses of clayey sand | | | | | | | |
| 20 | | at 20' color change to moderate yellowish brown, very moist to saturated, slightly dense, medium grained | | | 30 | 60 for 6" | 2.8 | | |
| 22 | | | | | 60 | 60 for 6"/70 | 2.2 | | |
| 24 | | | | 437 | 90 | 35/35/59 | 5.9 | | |
| 26 | | Sand with clay Mottled pale yellowish brown to moderate yellowish brown, very moist, dense | SC | | | | | | |
| 28 | | | CL | 435 | 70 | 33/42/60 | 1.4 | | |
| 30 | | Sandy clay Mottled moderate yellowish brown to dark gray, slightly moist, stiff | | | | | | | |
| 32 | | | | | | | | | |
| 34 | | | | | | | | | |
| 36 | | | | | | | | | |
| 38 | | | | | | | | | |
| 40 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Drilled By: Layne Christensen

Drill Method: Dual Tube

Drilling Equipment: AP 1000

Sampling Equipment: 2" x 18" CA Mod Split Spoon

HydroGeoLogic, Inc.
 4600 Northgate Blvd., Suite 207
 Sacramento, CA 95834
 (916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 23.5'

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